Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-13. Cancelled

14. (Previously presented) A skateboard capable of undulating self-propulsion, comprising a front footboard, a rear footboard and an elongated strut connecting the two footboards, said footboards each comprising an elongated footpad, a single wheel mounted to said footpad, and a pivot joint connecting the footpad to said strut, said pivot joint having a pivot axis substantially perpendicular to the top surface of the footpad; wherein said wheel is the principal support for said footboard with respect to the ground.

15. (Previously presented) A skateboard of claim 14 in which the wheel is substantially centered under the footpad when the footpad is approximately parallel to the ground.

16. (Previously presented) A skateboard of claim 15 in which small changes in the tilt angle of the footpad produce little or no restoring force, thus requiring the rider to dynamically balance the skateboard.

17. (Previously presented) A skateboard of claim 16 in which the wheel is mounted on the underside of the footpad.

18. (Withdrawn) A skateboard of claim 14 in which the footpad of each footboard is mounted within the circumference of the wheel, said wheel being supported by a large bore

bearing or by several smaller wheels engaging a circular rail, resulting in an opening sufficiently large to accept the footpad and the front half of the rider's shoe.

19. (Previously presented) A skateboard of claim 16 in which the strut is rigid in bending but allows torsional rotation, thus allowing the footboards to be tilted independently.

20. (Previously presented) A skateboard of claim 16 in which the strut is rigid in bending but allows torsional rotation, thus allowing the footboards to be tilted independently.

21. (Previously presented) A skateboard of claim 19 in which said strut has one or more swivel-joints allowing torsional rotation while resisting bending.

22. (Previously presented) A skateboard of claim 19 in which the initial length of the strut can be adjusted to accommodate riders of various leg lengths.

23. (Withdrawn) A skateboard of claim 16 having at least one pair of detachable training wheels mounted to at least one of the footboards said training wheels being aligned with their axes substantially parallel to the axis of said wheel of claim 16, said training wheels being spaced apart to prevent excessive tilting of the footboard thereby allowing a beginner to more quickly learn to self-propel the skateboard.

24. (Previously presented) A skateboard of claim 16 in which the pivot joint of each footboard allows approximately +/- 45 degrees of steering travel.

25. (Previously presented) A skateboard of claim 16 in which the footpad can tilt approximately +/- 30 degrees before contacting the ground.

26. (Withdrawn) A skateboard of claim 18 in which the strut is rigid in bending but allows torsional rotation, thus allowing the footboards to be tilted independently.

27. (New) A skateboard capable of undulating self-propulsion, comprising a front footboard, a rear footboard and an elongated strut connecting the two footboards, said footboards each comprising an elongated footpad, a single wheel mounted to said footpad via a wheel-mounting bracket integral with or attached to said footpad, wherein said wheel is the principal support for said footboard with respect to the ground; and a pivot joint connecting the footpad to said strut, said pivot joint having a pivot axis substantially perpendicular to the top surface of the footpad and substantially in-line with said single wheel.